CONTENT

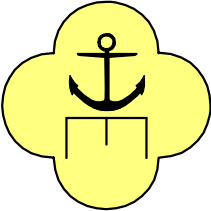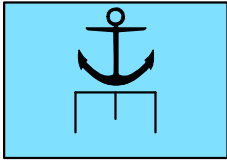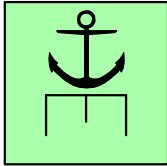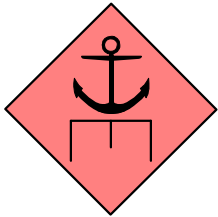| Number	Sponsor	Pg	Comment
C-NIMA-1	NIMA	2	<u>FIGURE 1</u> Consider allowing the publication of special symbol sets as separate parts of a multi-part standard, rather than appendices to a single MIL-STD-2525A. Refer to MIL-STD-962C, section A.4.3.2. Publication as multi-part standards would allow each part to be updated and revised independently of the other parts. This format would allow the special symbol sets to be issued and revised independently of the other parts, as suggested in paragraph 1.4.b of MIL-STD-2525A. Example: Basic warfighting MIL-STD-2525-1A Weather MIL-STD-2525-2 SIGINT MIL-STD-2525-3 Mapping MIL-STD-2525-4 etc. MIL-STD-2525-n One difficulty with this method is that some of the special symbol sets, such as weather, are indicated as "for guidance" only, while others may be mandatory. It would be pointless to publish a standard that was for guidance only. Perhaps those could be included as appendices of MIL-STD-2525A, while others that are intended for compliance could be published as separate parts of the main warfighting symbology standard. FYI - The DMA vector product symbology already has a number assigned, MIL-STD-2412. It is likely that this document will be considerably different in format than MIL-STD-2525A. It has not yet been determined how it will be published, whether to incorporate it as an appendix to 2525B?, a separate part, i.e., 2525-4, or keep its original number as a separate document.
SSMC Response	Tabled until next edition.		
C-ASPO-2	ASPO	3	Section 1.4a should be updated. The recently approved USMTF Graphical Report (GRAPHREP) message format was developed for the specific purpose of passing MIL-STD-2525 information, and should be mentioned in this section along with the NITF format.
SSMC Response	Approved. Change last sentence to read 'Transmission vehicles are being concurrently developed in the United States Message Text Format (USMTF) (GRAPHREP message) and Variable Message Format (VMF) communities.		
C-JITC-3	JITC	9	Define: MASS (used on page 394.)
SSMC Response	Disapprove. It is a symbol.		
C-NIMA-4	NIMA	9	Acronym List. Suggested: Add "GGI&S Geospatial Information and Services" to acronym list.
SSMC Response	Disapprove. It is not used in the standard.		
C-JITC-5	JITC	10	Define: OOTW (used on page 394.)
SSMC Response	Approved. The definition has been updated to MOOTW. Military Operations Other Than War. Update acronym list.		

CONTENT			
Number	Sponsor	Pg	Comment
C-JITC-6	JITC	12	Define: Cyan (used on page 140.)
SSMC Response	Disapproved. Cyan is a color and it's RGB values are provided in the table.		
C-JITC-7	JITC	18-19	Table I. Increase size of Assumed Friend, Joker, and Faker land equipment and sea surface symbols to correspond with Friend symbols.
SSMC Response	Approved.		
C-JITC-8	JITC	20	Table II. Delete color fill to comply with page 140 Appendix C instruction: "A color fill should be used only if an icon is displayed in the symbol."
SSMC Response	Approved. Remove color in table. Put disclaimer on cover advising that this is a color document.		
C-NIMA-9	NIMA	22	TABLE III, page 22. Suggested: Change the title to "Symbol Modifiers"
SSMC Response	Approved with modification. Table title to read "Symbol modifier field definitions"		
C-JITC-10	JITC	22	Table III/3. Provide field B description for equipment.
SSMC Response	Disapproved with modification. Change table III, field B, Equipment column to be '2' and Installation column to be 'G'. Take the sq. ft. out of description.		
C-ASPO-11	ASPO	22	Table III, Size Indicator field. The description for this field indicates that it will contain the size in square feet for installations. Elsewhere, the document states that this is a graphic field for installation symbols (the Size Indicator field above the symbol is filled-in).
SSMC Response	Approved. See comment C-JITC-10.		
C-JITC-12	JITC	23	Table III/6. Define asterisks shown in field R for units and equipment.
SSMC Response	Approved. The asterisks will be removed and replaced. The column for units will show a - , and in the equipment column, show a 'G'.		
C-NIMA-13	NIMA	24	TABLE III, page 24. Suggested: For field "Z", define units of measure for speed (knots, miles per hour, kilometers per hour, etc.).
SSMC Response	Approved. According to USMTF standards. Place note in field 'refer to MIL-STD-6040 for abbreviations'. Redefine field length to 8.		
C-JITC-14	JITC	24	Table III /Note 3. Clarify. The meanings of Tactical and Graphic Field Types is not clear. They do not agree with the definition of tactical graphics in 5.4
SSMC Response	Approved. T=Text G=Graphic		

CONTENT			
Number	Sponsor	Pg	Comment
C-ASPO-15	ASPO	25	Figure 3a, indicates that text fields should be separated by a slash (/) when multiple fields occur on a single line. If this is the case, it should probably be mentioned in Section 5.6.2 on pages 29 and 30.
SSMC Response	Approved. Paragraph to read: When multiple text modifiers are displayed in a single field (e.g., E/F or J/K/L/N/P), they shall be ordered as shown in figure 3A and separated by a single space, and the spaces assigned to unused modifiers shall be collapsed to bring the text as close to the symbol as possible.		
C-JITC-16	JITC	25	1. Figure 3b. Change one H in Points to H1? 2. The B modifier shown for boundaries does not agree with the description for field B.
SSMC Response	1. Approved. Change H to H1. 2. Disapproved. The B modifier does agree with description.		
C-JITC-17	JITC	26	Fig 3c. Change BIO and CML to T. Add between figure and title: Note: For BIO event, T=BIO. For Chemical event, T=CML.
SSMC Response	Approved as modified. Use the B,C and N symbol shape, including letter identifier, as on page 368.		
C-JITC-18	JITC	29	Para 5.5.1.6. Change Location paragraph to distinguish between Field Y location modifier and Field S locating indicator. This paragraph is confusing as currently written.
SSMC Response	Approved as modified. Change Y to S. Add sentence, 'Actual location (field Y) is given in latitude and longitude.' In field S description, change locating indicator to location offset indicator.		
C-ARMY-19	DAMO FDQ	29	Line 4. Delete the words "and installations" REASON: An installation cannot be a task force.
SSMC Response	Approved.		
C-JITC-20	JITC	31	Table V/2. Delete the unframed icon option or show an icon for which the frame is optional. Showing the fixed wing icon unframed is confusing since it is inconsistent with paragraph 5.3.3 instruction: "Only those icons specifically identified as unframed or frame optional shall be displayed without a frame."
SSMC Response	Approved.		

CONTENT			
Number	Sponsor	Pg	Comment
C-NIMA-21	NIMA	32	Section 6 of the standard appears to be missing. See MIL-STD-962C, section A.5.6 for details of information appearing in Section 6 of a military standard. Items that sound applicable to 2525A include - parenthetical note - intended use - supersession guidance - subject term (key word) listing - international interest - identification of changes Section 6 will appear after section 5 and before Appendix A.
SSMC Response	Disapproved. MIL-STD-962C states 'This section contains information of a general or explanatory nature that might be helpful, but is not mandatory'. Based on this finding, we are not including a section 6.		
C-NIMA-22	NIMA	70	Paragraph B.4.2, page 70. Suggested: It should be explicitly stated that the dash character in the table not only indicates a null value, but that a dash will serve as the null value when symbol codes are being transmitted electronically.
SSMC Response	Approved as modified. Sentence to read, 'The dash character in the table indicates no information provided in this field.'		
C-ASPO-23	ASPO	70-71	The top of page 70 mentions that, for ground equipment, symbol code position 9 is always used as a mobility indicator. However, this fact is not illustrated in any of the following tables (pages 71-134). Table B-I on page 71 should include a reference to the mobility indicator position. It would also help if the symbol codes were included in Table D-I on pages 144-147.
SSMC Response	Tabled until next version.		
C-NIMA-24	NIMA	71	Table B-1, page 71. Suggested: MC&G symbology (under development) has been using the letter "M" as the leading character for the symbol ID. Although not included in this edition of 2525, it should be stated that it is reserved for future use, in order not to impact the MC&G symbology if "M" is used for something else. If this is not done, and the M for mapping has to be changed to something else at a later date, it could have a cost impact on NIMA's symbology effort.
SSMC Response	Approved.		
C-NIMA-25	NIMA	71	Table B-1, page 71. Suggested: Will tactical graphics require the status indicator in Table B-1 to include "P-Present/Accomplished" and a new code for "Underway/ongoing"?
SSMC Response	Tabled until next version.		
C-NIMA-26	NIMA	73	TABLE B-III. Suggested: Table refers to fields B and C. These are defined in TABLE III, which should be referenced here. It may be clearer to refer to fields B and C as "symbol modifiers B and C."

			CONTENT
Number	Sponsor	Pg	Comment
SSMC Response	Approved.		
C-JITC-27	JITC	138	Table C-I. Provide octagons in each symbol size.
SSMC Response	Disapproved. This table is presented to give an overview of symbol size. The octagon is the starting point for symbol construction. For each viewing distance, the actual symbol size will vary. However, the octagon will remain constant.		
C-ASPO-28	ASPO	140	The top of page 140 states that A color fill should be used only if an icon is displayed in the symbol. However, filled symbols without icons are depicted on pages 148, 149, 163, 248, 283, 290, and 304.
SSMC Response	Approved as modified. Rewrite sentence on page 140. Implementations that choose to display color fill in symbols shall also display the appropriate icon from table D-1 in the symbols.		
C-JITC-29	JITC	144	Text and Organization. Appendix D was difficult to follow due to (a) presentation of a short table with limited applicability before a long general table, (b) referencing the second table prior to the first table, (c)one long wordy redundant paragraph, (d) inaccurate information, and (e) a .1 paragraph without a .2 paragraph. Recommend changing paragraph C.4.8 to C.4.9 and Table C-IV to C-V; and moving Table D-I to Appendix C (since it has to do with symbol modifiers) as new Table C-IV with the following paragraph inserted as new C.4.8.

C.4.8 Equipment Mobility Indicators. Table C-IV shows mobility indicators that shall be used only with equipment. These indicators are identified in position 9, (Additional Mission) of the symbol code described in Appendix B. |
| SSMC Response | Approved. | | |
| **C-ARMY-30** | DAMO FDQ | 183 | In 2525, 2d Icon down, we describe it as Ground Track Combat Engineer Construction Naval. However in another document called the Sea Bee Battalion it was designated "Naval Mobile Construction Bn." If that is true, should we change our description to Ground Track Combat Engineer Naval Mobile? Or should we add a new icon under the existing one?
Figure A-3, page 40, it describes that hierarchy "branch" (1.X.3.1.1.6.2) as being "Construction Engineer", vice "Combat Engineer". That symbol should have "CONST" above the sideways "E", then the anchor. |
| SSMC Response | Approved as modified. Replace icon with new icon.

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CONTENT			
Number	Sponsor	Pg	Comment
C-ARMY-31	DAMO FDQ	197	1.X.3.1.1.8.8.2. Move the Marine Force Recon symbol to page 315 under the Special Operations Forces section. REASON: MFR is considered by the Marine Corps and USSCOCOM as a SOF organization.
SSMC Response	Disapproved. Army DAMO-FDQ withdrew.		
C-ARMY-32	DAMO FDQ	205	1.X.3.1.2.2.4.3. Delete the term 'common ground station'. ADD the term 'ground station module'. REASON: GSM is an acronym for ground station module and this is the correct description.
SSMC Response	Approved.		
C-ARMY-33	DAMO FDQ	239	1.X.3.1.3.4.3, 1.X.3.1.3.4.3.1, 1.X.3.1.3.4.3.2. Change in the description the word 'Movement Control Center'. REASON: This is the correct terminology and expansion for the acronym MCC.
SSMC Response	Approved.		
C-ARMY-34	DAMO FDQ	247	1.X.3.1.3.6, 1.X.3.1.3.6.1, 1.X.3.1.3.6.2. Move all of electronic warfare (EW) symbols to page 204 under the MI SIGINT symbol 1.X.3.1.2.2.2. REASON: EW is a combat support MI function not a combat service support function.
SSMC Response	Approved.		
C-JIEO-35	JIEO	283	Put installation 'hats' on all 1.X.3.3 and modify the symbol ID to have I in status column. Delete note provided in description column.
SSMC Response	Approved. Place installation hats on all symbols, include note in description box that identifies the hat as an installation and not part of the actual symbol.		
C-AIR FORCE-36	HQ AWS/XO	403	Several weather icons missing. Snow grains, Ice Crystals, Freezing Fog, Lightning and Jet Stream. Also change Funnel Cloud/Tornado to Funnel Cloud/Tornado/Waterspout.
SSMC Response	Approved.		

TECHNICAL			
Number	Sponsor	Pg	Comment
T-AIR FORCE-37	AF/XORI		An explanation of the migration path to the common symbology for joint/allied usage is necessary to complete the document.
SSMC Response	Noted. JCS action.		
T-ARMY-38	HRED-AVNC		Discrepancy between missile crosshats in MIL-STD-2525A compared to MIL-STD-1477C. Suggest that FM 101-5-1 and MIL-STD-2525A conform to MIL-STD-1477C missile symbology.
SSMC Response	Tabled until next version.		
T-ARMY-39	HRED-AVNC		Air Defense Gun symbol not listed in the latest draft of MIL-STD-2525A. The symbol should conform to MIL-STD-1477C.
SSMC Response	Approved. (Pg 267.) 1.X.3.2.1.11 (Gen) .1(light), .2 (med), .3(heavy). See Attachment 1.		
T-ARMY-40	HRED-AVNC		Laser icon should be switched to match the symbol currently used by the AN/APR-39A(V)1 Airborne Radar Warning Receiver (installed in most US ARMY aircraft) and the AH-64D Longbow.
SSMC Response	Disapproved. Speciality icons that can be built with existing icons, need not be included separately.		
T-ARMY-41	HRED-AVNC		The background shape for the surface Unit, Friendly should be a blue circle rather than a blue rectangle for consistency. There is the concern between the friendly and neutral units on a non-color display.
SSMC Response	Disapproved. This issue was already addressed and was approved as is.		
T-AIR FORCE-42	HQ ACC/DR-SMO-I		A list of specifically defined grandfathered or exempted systems must be developed and time lines for implementation compliancy for systems in development be established.
SSMC Response	Noted. Not applicable for SD-1 review.		
T-AIR FORCE-43	HQ ACC/DR-SMO-I		A migration plan must be developed to include interim interoperability standards or gateway requirements between grandfathered/existing systems and systems using MIL-STD-2525A.
SSMC Response	Noted. Not applicable for SD-1 review.		

TECHNICAL			
Number	Sponsor	Pg	Comment
T-AIR FORCE-44	HQ ACC/DR-SMO-I		Before implementation of this document, an operator performance assessment test measuring Human Factors Interfaces must be developed, scheduled, and conducted.
SSMC Response	Noted. Not applicable for SD-1 review.		
T-AIR FORCE-45	HQ ACC/DR-SMO-I		Following this Human Factors test, an operational test must be accomplished on C2 systems in a stressed/exercise environment.
SSMC Response	Noted. Not applicable for SD-1 review.		
T-AIR FORCE-46	HQ ACC/DR-SMO-I		Future technologies may offer increased capabilities in conjunction with new understandings of the man-machine interface. Many program managers are pursuing advanced technologies which include holographic and three-dimensional displays that are not currently addressed by this standard. These technologies are expected to promote better cognizance and comprehension (situational awareness) increasing individual combat capability.
SSMC Response	Noted. Not applicable for SD-1 review.		
T-AIR FORCE-47	HQ ACC/DR-SMO-I		The update standard provides no time lines when existing or new systems must comply with the standard.
SSMC Response	Noted. Not applicable for SD-1 review.		
T-AIR FORCE-48	HQ ACC/DR-SMO-I		For the first time in history all services not only have the opportunity but are developing better, more comprehensive, situational display systems. For this reason, establishing a symbology standard is essential to ensuring interoperability when these systems display shared symbology. Therefore, changes to MIL-STD 2525 should promote better cognizance and comprehension supported by Human Interface Engineering and testing while taking advantage of new technologies.
SSMC Response	Noted. Not applicable for SD-1 review.		
T-JITC-49	JITC	ii	Many of the symbols in the black and white reproduction copy of the document were nearly illegible (see Hostile symbols in Appendix D) due to the document having been created using color, but copied in black and white. This resulted in the representation of framed icons being in apparent conflict with the document's explicit direction in paragraph 4.3.2: "If color is not used, the fill is transparent." Recommend creating the document using both color, and black and white, symbol/icon representations to improve clarity, especially for circumstances when users only have a black and white reproduction of the document.
SSMC Response	Approved. Document will be printed in black and white.		

TECHNICAL			
Number	Sponsor	Pg	Comment
T-AIR FORCE-50	AF/XORI	1	The document states that common symbology is derived from "force" and "engagement" domain applications. However, the document appears to depict just the force domain symbology. If the engagement domain applications were included, it is not apparent. Suggestions dividing the document into force and engagement domain sections for clarity.
SSMC Response	Disapproved. A decision was made to have a common set of symbols.		
T-AIR FORCE-51	AF/XORI	1	The document refers to the creation of a common set of C4I symbols. Surveillance and reconnaissance applications are a necessary part of this document. Therefore, the document should be referencing a common set of C4ISR symbols.
SSMC Response	Tabled for future version.		
T-ASPO-52	ASPO	21	Section 5.4. It states that Tactical graphics can be black or white, depending on display background. Page 317 Section E.4.1 states that the rules for generation and display (of tactical graphics), including optional use of color, follow the guidelines presented previously unless stated otherwise in this section. What is meant by the optional use of color? Is it the option to use black or white?
SSMC Response	Approved. The last sentence will read 'Default color for tactical graphics will be black or white, depending on display background.'		
T-NIMA-53	NIMA	21	Para 5.5. Clarify how the symbol modifiers will be exchanged. Will they be appended to the end of the symbol code?
SSMC Response	Approved. Symbols will be exchanged as a GRAPHREP.		
T-NIMA-54	NIMA	23	TABLE III. To be "year 2000" compliant, field W and any other fields that reference the year should be four characters long.
SSMC Response	Defer to MIL-STD-2500.		
T-ASPO-55	ASPO	24	Table III, Location field. It is not clear why the size of this field is 19 characters for Unit symbols and 15 characters for all other symbol types. It would also be helpful if this table indicated how latitude/longitude values should be formatted into this field.
SSMC Response	Approved. Change all to 19.		
T-JITC-56	JITC	28	5.5.1.3/3-5 Change last two sentences to read: The indicator may be used for a new or newly named C2 headquarters. When used in this way, it shall be accompanied by the special C2 headquarters name in field AA as shown in Figure 5.
SSMC Response	Disapproved. Committee agreed to paragraph as written.		

TECHNICAL

Number	Sponsor	Pg	Comment
T-ARMY-57	DAMO FDQ	280	1. X.3.2.4.2. Delete the icons and change to example 11. REASON: This symbol is the same as 1.X.3.3.5.1 on page 286 and to have consistency with the other NBC symbols.
SSMC Response	Approved as modified. Page 286, change the word production to reactor. Page 280, change the symbol to the symbol given in attachment 1.		
T-JITC-58	JITC	29	5.5.1.2 Change to read: The mobility indicator shall be used for mobile equipment only.
SSMC Response	Approved as modified. Change to read, ...The mobility indicator indicates the mobility of an object, as shown in figure 4, and is used for equipment only. This indicator identifies mobility other than that intrinsic to the equipment itself. For example, the symbol for a self-propelled howitzer moving by train would include a railway mobility indicator, while the symbol for a tank or other tracked vehicle would not contain any mobility indicator. The indicator is identified in field 4 of table III and depicted as shown in figure 3A.		
T-ASPO-59	ASPO	69	Section B.4.1. Relates to the symbol coding scheme. It states that It is important that unused positions be filled with null values to avoid constructing invalid or unrecognized codes. Throughout the document, a dash (-) is used to indicate a null in positions with no value. Are systems that generate and disseminate MIL-STD-2525 symbol identifiers also required to use dashes to indicate null values within identifier codes?
SSMC Response	Approved with modification. Should read, 'Should be filled with a dash to recognize that no information is being provided in that position.'		
T- JIEO-60	JIEO	71	Appendix B -Table B-III and B-I. Remove task force, feint/dummy, feint dummy task force and installation codes from table B-III and place them in table B-I under status (these codes are really status codes). Revise double letter codes as used in table B-III to single letter codes to fit in the status column of table B-I. In addition, add code for Headquarters under the status column.
SSMC Response	Approved with modifications. See Appendix B, attachment 2.		
T-ASPO-61	ASPO	73	Should EN appear in the size field or should the actual number be used to indicate an Equipment Numerical value?
SSMC Response	Approved with modifications. Approve Appendix B, attachment 2.		
T-JIEO-62	JIEO	73	Appendix B -Table B-III. Change table title from "Symbol codes -size," to "Symbol codes -echelon/size;" the descriptions team/crew, squad, section , platoon/detachment, brigade, army, etc, indicate echelons. Equipment numerical value and nuclear yield in kilotons are indicated in terms of size.
SSMC Response	Approved with modifications. See Appendix B, attachment 2.		
T-NIMA-63	NIMA	110	Table B-X. Should the symbol code positions for country code and size indicator be "null" for tactical graphics?
SSMC Response	Disapproved. Country code & affiliation may be appropriate.		

TECHNICAL			
Number	Sponsor	Pg	Comment
T-NIMA-64	NIMA	132	TABLE B-XI. Should the symbol code positions for additional mission, size, and country code be null for weather symbols?
SSMC Response	Tabled until next edition.		
T-JITC-65	JITC	135	Figure C-1. Present octagons at the same length. Showing octagons of different sizes is confusing.
SSMC Response	Disapproved. Every octagon shown is the exactly the same size.		
T-JITC-66	JITC	143	D.4.2 <u>Icon Graphic Representation</u>. Table D-I provides a graphic representation of each approved icon. The sizes, shapes, and positioning of components of individual icons are important and shall be faithfully reproduced both by C4I system automation and manually by symbology users. Icons portrayed are all the same size and their size is not affected by being framed or unframed. Appendix C specifies both the minimum icon size and the relationship of icon size to frame size. Therefore, the relative size of the icons as shown in the table is not important. Icon size is determined by the user or system developer, as long as the requirements of the standard are met. Icon axes as presented in the table are to be maintained when the icon, framed or unframed, is placed onto maps, charts, overlays, etc. Icons depicting equipment from a top-down view shall be oriented to point toward the top of the page. The standard is a tool developed to support interoperability, but only with intelligent implementation can it insure interoperability.
SSMC Response	Approved with modifications. Delete last sentence. 'The standard is a tool developed to support interoperability, but only with intelligent implementation can it insure interoperability.'		
T-ASPO-67	ASPO	139	The only reference to the color of text modifiers in the document states that black should be used for light backgrounds and white should be used for dark backgrounds to maximize contrast. Does this imply that default affiliation colors should not be used when displaying text modifiers?
SSMC Response	Approved. Change to read. 2) Implementations should use the default frame colors defined in this standard to indicate affiliation. If differentiation is needed within an affiliation category, additional colors should be used (i.e., for the frame or color fill) within that category, but the default colors for the other affiliations should not be changed. Hardware permitting and unless specifically prohibited by system specification for operational reasons, implementation of this standard should provide for operator control of color to the individual icon level. The intent is maximum operational flexibility in those situations where the basic default colors are not sufficient for ready discrimination (i.e. multiple hostiles which must be differentiated from each other) and to assign a specific color to a special interest target without reference to its affiliation.		
T-ASPO-68	ASPO	140	Is there enough contrast between the default affiliation colors (page 140, Table C-II) to use them for both the frame/icon and fill in a single symbol (i.e., a hostile symbol consisting of a Red frame/icon and Salmon fill)? If not, are there rules that discourage or prohibit the use of default affiliation colors for both the icon and fill in a single symbol?
SSMC Response	Disapproved. Noted. Rules state when color fill is used the icon and frame will be black (or white). See last sentence in paragraph C.4.6.		

TECHNICAL			
Number	Sponsor	Pg	Comment
T-ASPO-69	ASPO	140	It states that If a symbol includes a frame and an icon, both components should be the same color (e.g., black, white, or one of the default colors indicating affiliation). Should this rule be extended to the display of symbol indicators such as size indicators, direction indicators, and position indicators?
SSMC Response	Approved. Change sentence to read: If a symbol includes a frame and an icon, both components, as well as others, should be the same color (e.g., black, white, or one of the default colors indicating affiliation).		
T-AIR FORCE-70	HQ AFSPC/DDR	143	These symbols are appropriate for cockpit displays, however for command and control PC terminals or desktop computer symbology more detailed graphics symbology is appropriate.
SSMC Response	Disapproved. Noted. Not applicable for SD-1 review.		
T-JITC-71	JITC	143	Most symbols shown in Appendix D were shown either black or color-filled. However, some symbols (Space Track Space Station, Air Track Civil Fixed Wing, Air Track Civil Helicopter, Air Track Civil Lighter Than Air, Ground Track Unit Combat Field Artillery Target Acquisition Sound, to name a few) were shown with both black and white (or transparent) components. It was not clear to the reader if those components should be represented as white or as transparent. Recommend specifying how these components should be represented.
SSMC Response	Approved. Place a note at the bottom of each page stating that white fill on a icon represents white filled icon. 'White filled icon represents white opaque filled icon.'		
T-JITC-72	JITC	143	JITC Frame Optional symbols shown unframed appeared to be composed of dots or dashes. This could result in confusion between planned or anticipated tracks and current tracks. Recommend presenting Frame Optional symbols with clearly continuous lines.
SSMC Response	Approved.		
T-JITC-73	JITC	143	D.4.1 <u>Warfighting Symbology Icon Set</u>. Table D-I contains icons based primarily on FM 101-5-1, STANAG 2019, STANAG 4420, and input received from C/S/As at Symbology Ad Hoc Working Group and SSMC meetings. These documents represent significant research and years of use within the operational C4I community. They meet the information exchange requirements identified by the C4IFTW community within DOD using standard DOD symbology. The icon set is ordered according to the tactical information hierarchy presented in Appendix A and coded according to symbol coding presented in Appendix B.
SSMC Response	Approved		

TECHNICAL			
Number	Sponsor	Pg	Comment
T-JITC-74	JITC	144	D.4.3 <u>Organization of Table D-I</u>. In Table D-I, the Description column provides a concise description of each icon using terminology commonly used within the C4I community. The Hierarchy column presents the information hierarchy (taxonomy) number described in Appendix A. The Frame column presents Icon framing codes described in paragraph 5.3.1: F (framed), UF (unframed), FO (frame optional.) An icon with a framing code of F is presented only within its appropriate frame. An icon with a UF framing code is always presented unframed. An icon with an FO framing code can be presented with or without a frame and in Table D-I is shown both ways. The Sym-ID column under each Affiliation column (Unknown, Friend, Neutral, Hostile) presents the 15-character alphanumeric identifier necessary for automated systems to create each specific icon. Since all symbols do not necessarily use all 15 characters, a dash (-) fills each unused position. An asterisk (*) in a position indicates that the position is user defined based on specific symbol circumstances.
SSMC Response	Approved with modification. Remove the word 'concise' from the first sentence.		
T-ARMY-75	HRED-AVNC	149	Fixed wing symbol needs to have some sort of icon associated with it (similar to the rotary wing symbol). Suggest that you use the generic fixed wing icon with the addition of an alphanumeric designator.
SSMC Response	Disapproved. Not necessary.		
T-NIMA-76	NIMA	150	Appdx D. For icon 1.X.2.1.1.5, is the fact that an aircraft is VSTOL more important than its basic mission type? An AV-8B is still an attack aircraft, and a V-22 is still at transport.
SSMC Response	Tabled until next version.		
T-NIMA-77	NIMA	164	Appdx D. What is the difference between 1.X 3,1,1,1,3 Vulcan and 1.X.3.1.1.1.3 Gun Unit? Generally, icons do not identify specific equipment types, but rather categories of equipment. Why is the specific US anti-aircraft system identified as an icon rather than a gun unit (friend/rectangle with a country field of US)? This same situation is also found with the Chaparral, Stinger, Hawk, and Patriot.
SSMC Response	Disapproved. Noted. Not applicable for SD-1 review.		
T-ARMY-78	DAMO FDQ	165	Add a generic missile symbol to the ground track see example 2. REASON: These symbols are what is currently used by the ADA engagement domain systems and these same symbols are being used by the ADA program development personnel and they match MIL-STD-1477B.
SSMC Response	Approved. See Attachment 1.		
T-ARMY-79	DAMO FDQ	165	Add a new symbol for the Avenger system see example 1. REASON: The Avenger Air Defense System is fielded within the US Army's divisions.
SSMC Response	Approved. Add as an Air Defense System Motorized (remove the A). See Attachment 1.		

TECHNICAL			
Number	Sponsor	Pg	Comment
T-ARMY-80	DAMO FDQ	172	1.X.3.1.1.3.7 In the description change the word 'armor' to 'mechanized'. REASON: All ground forces in track vehicles use the term 'mechanized infantry' to describe their function on the battlefield.
SSMC Response	Approved.		
T-ARMY-81	DAMO FDQ	180	Add the observation post and combat outpost in Example 14. REASON: The symbol is not in the MIL-STD and the unit exists in the US and other armies.
SSMC Response	Approved. Move to Tactical Graphics. Page 340 & 57. See Attachment 1.		
T-ARMY-82	DAMO FDQ	188	1.X.3.1.1.7.3.2. Change the target acquisition to the symbol in example 3. REASON: To differentiate it from the symbol 1.X.3.1.2.2.4.2 and to let reader of the symbol know that this is an artillery targeting unit not a MI sensor.
SSMC Response	Approved. See Attachment 1.		
T-ARMY-83	DAMO FDQ	188	Add the forward observer symbol in example 4. REASON: The Army needs the artillery FO symbol to know their location on the battlefield.
SSMC Response	Approved. Move to Tactical Graphics. Page 340 & 57. See Attachment 1.		
T-ARMY-84	DAMO FDQ	188	Add the Air and Naval Gunfire Liaison Company (ANGLICO) symbol, see example 5. REASON: There is no symbol for it in the MIL-STD.
SSMC Response	Approved. 1.X.3.1.1.7.3.5 Pg 41 & 189. See Attachment 1.		
T-ASPO-85	ASPO	193/ 315	The depiction of many symbols in Appendix D indicates that more than one color can be used when drawing a single icon. Examples: Page 193 - Artillery Survey, Mountain light color fill for the Survey icon and dark color fill for the Mountain icon, and both of these fill colors differ from the frame fill color Page 315 - Psyops, Fixed Aviation light color fill for the Psyops icon and dark color fill for the Fixed Aviation icon, and both of these fill colors differ from the frame fill color Should the symbol drawings be modified to conform to the stated color rules, or should the color rules be updated?
SSMC Response	Disapproved. Color rules do not preclude icons with contrasting fill. It simply does not address icon fill.		

TECHNICAL			
Number	Sponsor	Pg	Comment
T-ARMY-86	DAMO FDQ	198	Add the dismounted recon outpost symbol in example 13. REASON: The symbol is not in the MIL-STD and the units exist in the US and other armies.
SSMC Response	Approved. Move to Tactical Graphics. Page 340 & 57. See Attachment 1.		
T-ARMY-87	DAMO FDQ	201	Add the smoke/decon mechanized and smoke/decon motorized symbols in example 6. REASON: These types of units exist in the US and other armies.
SSMC Response	Approved. To page 43 & 202. See Attachment 1.		
T-ARMY-88	DAMO FDQ	202	Add the biological recon, chemical/nuclear recon symbols, and the NBC observation post symbols in example 7. REASON: These units are not in the MIL-STD and they exist in the US and other armies.
SSMC Response	Approved. Page 43 & 203. See Attachment 1.		
T-ARMY-89	DAMO FDQ	204	Add the EW direction finding, intercept, and jamming symbols in example 10 under 1.X.3.1.2.2.2. REASON: Symbols for these units are not in the MIL-STD and these types of units exist in the US and other armies.
SSMC Response	Approved. Page 44 & 204. See Attachment 1.		
T-ARMY-90	DAMO FDQ	205	Add the sensor outpost symbol in example 9. REASON: There is no sensor OP/LP symbol in the MIL-STD.
SSMC Response	Approved. Move to Tactical Graphics. Page 340 & 57. See Attachment 1.		
T-ARMY-91	DAMO FDQ	205	1.X.3.1.2.2.4.2. Add the letters 'SCM' above the sensor icon as in example 8 and change the description to 'Sensor Control and Management' . REASON: This is the precise mission of this unit and the new symbol displays the function of the unit accurately.
SSMC Response	Approved. 1.X.3.1.2.2.4.2.1 Add SCM symbol. Make description say sensor control management. See Attachment 1.		
T-ARMY-92	DAMO FDQ	283	1.X.3.3.1.3. Delete the letters 'N', 'B', and 'C' within the symbol see example 12. REASON: The crossed retorts icon means NBC and there are other symbols to distinguish between a pure nuclear, biological or chemical installation.
SSMC Response	Approved. See Attachment 1.		
T-ASPO-93	ASPO	338	The symbol id 2.2.1.3.3 Decoy Infantry Battalion. Does this symbol really need its own icon id? Shouldn't it just be SFGUCI--PFCA*G?

TECHNICAL			
Number	Sponsor	Pg	Comment
SSMC Response	Approved. Pull symbol from D-1.		

ESSENTIAL TECHNICAL			
Number	Sponsor	Pg	Comment
ET-AIR FORCE-94	HQ ACC/DR-SMO-I		Before this or any other set of frame shapes are accepted, a complete human factor test should be conducted. This will ensure proper man-machine interface technology is adhered to in the next version of MIL-STD 2525, Common Warfighting Symbology.
SSMC Response	Noted. Not applicable for SD-1 review.		
ET-JIEO-95	JIEO	5	Para 2.1.2 Change DOD Human Computer Interface (HCI) version to Version 3.0, 30 April 96. (Note the TAFIM is at LTG Edmonds office for signature) Add "User Interface Specification for the Defense Information Infrastructure (DII) Version 2.0 1 April 1996", as it is mandated by the Joint Technical Architecture (JTA).
SSMC Response	Approved.		
ET-NIMA-96	NIMA	22	Concerning the "maximum length of allowable fields" for modifiers, is the length of the field standardized at that maximum length or is it a variable length field? If the intention is to allow modifiers to be exchanged between organizations or computer systems, how will the variable length fields be passed? Especially for free text fields, a length field may have to precede each symbol modifier field.
SSMC Response	Disapproved. Refer to MTF.		
ET-NIMA-97	NIMA	24	TABLE III. For field "X", as defined, the reference surface for Altitude/Depth is the WGS ellipsoid. Other features are normally referenced to Mean Sea Level. If there is not an intent to standardize depths and heights to the WGS Ellipsoid (standard vertical datum), additional field is needed for the vertical datum.
SSMC Response	Disapproved. Noted.		
ET-NIMA-98	NIMA	24	TABLE III. For field "Y". is WGS-84 the standardized horizontal datum? If it is not the standard, additional fields are required for reference horizontal datum and ellipsoid.
SSMC Response	Noted. Place a note in the 'Y' description that WGS-84 is a mandated standard.		
ET-JIEO-99	JIEO	71	Appendix B -Tables B-IV through B-XI. Principal, Secondary, and Additional Mission columns; combine into one column (filling positions 4 through 9) and renamed as "Function I.D." Function I.D better defines what positions 4 through 9 actually stand for.
SSMC Response	Approved.		
ET-JIEO-100	JIEO	73	Appendix B -Table B-III. Split "size" column (recommended as echelon/size) into two columns. Call new column "mobility indicator." Size and mobility positions would each use single character designators; size filling position 11, and mobility filling position 12

ESSENTIAL TECHNICAL

Number	Sponsor	Pg	Comment
SSMC Response	Approved with modifications. See new Appendix B organization, attachment 2.		
ET-NIMA-101	NIMA	135	Appendix C. Reference should be made to the requirement that symbols implement the NITFS CGM, using MIL-STD-2301. Sections 4 and 5 are the requirements sections of a standard. Appendices may also be mandatory for compliance. Just listing the document in section 2 does not make it binding unless it is stated as a requirement in sections 4, or 5 or mandatory appendix (see MIL-STD-962C, section A.5.2.1). Likewise, any other documents listed in section 2 that are mandatory for compliance should be referenced somewhere in sections 3, 4, or 5, or mandatory appendices.
SSMC Response	Disapproved. Already covered by E-NIMA-112.		
ET-ASPO-102	ASPO		List below (These comments are completed), see attachment 2.
SSMC Response	Approved.		

The following are missing icon ids

2,,,,,,,,,,,,,TACTICAL GRAPHICS
2.1,,,,,,,,,,,,TASKS
2.1.1,,,,,,,,,,,TASK GRAPHICS
2.2,,,,,,,,,,,,CONTROL MEASURES
2.2.1,,,,,,,,,,,,MANEUVER GRAPHICS
2.2.1.1,,,,,,,,,,,,GENERAL MANEUVER GRAPHICS
2.2.1.1.1,,,,,,,,,,,,POINTS
2.2.1.1.2,,,,,,,,,,,,LINES
2.2.1.1.2.1,,,,,,,,,,,,BOUNDARIES
2.2.1.1.2.1.1,,,,,,,,,,,,GENERAL BOUNDARIES
2.2.1.1.3,,,,,,,,,,,,AREAS
2.2.1.1.3.1,,,,,,,,,,,,UNSPECIFIED AREA
2.2.1.1.3.1.1,,,,,,,,,,,,GENERAL AREA
2.2.1.1.3.2,,,,,,,,,,,,SPECIFIED AREA
2.2.1.2,,,,,,,,,,,,AVIATION MANEUVER GRAPHICS
2.2.1.2.1,,,,,,,,,,,,AVIATION POINTS
2.2.1.2.2,,,,,,,,,,,,AVIATION LINES
2.2.1.2.3,,,,,,,,,,,,AVIATION AREAS
2.2.1.3,,,,,,,,,,,,DECEPTION GRAPHICS
2.2.1.4,,,,,,,,,,,,DEFENSE MANEUVER GRAPHICS
2.2.1.4.1,,,,,,,,,,,,DEFENSE POINT GRAPHIC
2.2.1.4.1.2,,,,,,,,,,,,BATTLE POSITION
2.2.1.4.1.3,,,,,,,,,,,,STRONG POINT (SP)
2.2.1.4.2,,,,,,,,,,,,DEFENSE LINE GRAPHIC
2.2.1.4.3,,,,,,,,,,,,DEFENSE AREA GRAPHIC
2.2.1.5,,,,,,,,,,,,OFFENSE MANEUVER GRAPHIC

2.2.1.5.1,,,,,,,,,,,,OFFENSE POINT GRAPHIC
2.2.1.5.2,,,,,,,,,,,,OFFENSE LINE GRAPHIC
2.2.1.5.2.1,,,,,,,,,,,,AXIS OF ADVANCE
2.2.1.5.2.2,,,,,,,,,,,,DIRECTION OF ATTACK
2.2.1.5.3.2,,,,,,,,,,,,ATTACK POSITION
2.2.1.6,,,,,,,,,,,,SPECIAL MANEUVER GRAPHIC
2.2.1.6.1,,,,,,,,,,,,GENERAL
2.2.1.6.1.1,,,,,,,,,,,,ENCIRCLEMENT
2.2.1.6.2,,,,,,,,,,,,LINE
2.2.1.6.3,,,,,,,,,,,,AREA
2.2.2,,,,,,,,,,,,MOBILITY/ SURVIVABILITY
2.2.2.1,,,,,,,,,,,,OBSTACLES
2.2.2.1.1,,,,,,,,,,,,GENERAL
2.2.2.1.3,,,,,,,,,,,,ANTITANK OBSTACLES
2.2.2.1.5,,,,,,,,,,,,MINES
2.2.2.1.6,,,,,,,,,,,,MINEFIELDS
2.2.2.1.8,,,,,,,,,,,,OBSTACLE EFFECT
2.2.2.1.11,,,,,,,,,,,,ROAD BLOCKS, CRATERS, AND BLOWN BRIDGES
2.2.2.1.13,,,,,,,,,,,,WIRE OBSTACLES
2.2.2.2,,,,,,,,,,,,OBSTACLE BYPASS
2.2.2.2.1,,,,,,,,,,,,OBSTACLE BYPASS DIFFICULTY
2.2.2.2.2,,,,,,,,,,,,CROSSING SITE/WATER CROSSING
2.2.2.3,,,,,,,,,,,,SURVIVABILITY^M
2.2.2.4,,,,,,,,,,,,NUCLEAR, BIOLOGICAL AND CHEMICAL GRAPHICS
2.2.2.4.11,,,,,,,,,,,,DECONTAMINATION (DECON) POINTS
2.2.3,,,,,,,,,,,,FIRE SUPPORT GRAPHICS
2.2.3.1,,,,,,,,,,,,FIRE SUPPORT POINTS

2.2.3.1.1,,,,,,,,,,,TARGET
2.2.3.2,,,,,,,,,,FIRE SUPPORT LINES
2.2.3.2.4,,,,,,,,,,SMOKE
2.2.3.3,,,,,,,,,,AREA
2.2.3.3.4,,,,,,,,,,SERIES TARGET
2.2.3.3.7,,,,,,,,,,GROUP OF TARGETS
2.2.4,,,,,,,,,,COMBAT SERVICE SUPPORT
2.2.4.1,,,,,,,,,,POINTS
2.2.4.1.14,,,,,,,,,,SUPPLY POINTS
2.2.4.1.15,,,,,,,,,,AMMUNITION POINTS
2.2.4.2,,,,,,,,,,LINES
2.2.4.2.1,,,,,,,,,,CONVOYS
2.2.4.2.2,,,,,,,,,,,SUPPLY ROUTES

2.2.4.3,,,,,,,,,,AREA
2.2.4.3.5,,,,,,,,,,SUPPORT AREAS
2.2.5,,,,,,,,,,COMMAND AND CONTROL
2.2.5.2,,,,,,,,,,LINE
2.2.5.3,,,,,,,,,,AREA
2.3,,,,,,,,,,OPERATIONS OTHER THAN WAR
2.3.1,,,,,,,,,,VIOLENT ACTIVITIES (DEATH CAUSING)
2.3.2,,,,,,,,,,LOCATIONS
2.3.3,,,,,,,,,,OPERATIONS
2.3.3.13,,,,,,,,,,HIJACKING
2.3.4,,,,,,,,,,ITEMS
4,,,,,,,,,,SIGNAL INTELLIGENCE

EDITORIAL			
Number	Sponsor	Pg	Comment
E-NIMA-103	NIMA		Suggested: It would be helpful, especially for long tables, to have the table number and title not only on the first page of the table, but on every page the table appears on. See MIL-STD-962C, paragraph 4.11.3.
SSMC Response	Approved.		
E-JITC-104	JITC	1	1.1/last Change: shall be provided To: will be provided (MIL-STD-962C states, " 'Shall' shall not appear in sections 1, 2, 3, or 6 of a standard.")
SSMC Response	Approved.		
E-JITC-105	JITC	1	1.3/3 and 6 Change: shall To: will
SSMC Response	Approved.		
E-JITC-106	JITC	3	1.5/3 and 4 Change: shall To: must
SSMC Response	Approved with modifications. Change 'must' to 'will'.		
E-JITC-107	JITC	3	1.4/10 Delete: to be Between: is And: implemented Delete: so as Between: implemented And: visually
SSMC Response	Approved.		
E-JITC-108	JITC	3	1.5/6 Change: shall To: will
SSMC Response	Approved.		
E-JITC-109	JITC	3	1.4/last Change: shall To: must
SSMC Response	Approved.		
E-JITC-110	JITC	3	1.4.b/2 and 3 Change: shall To: will

			EDITORIAL
Number	Sponsor	Pg	Comment
SSMC Response	Approved.		
E-JITC-111	JITC	5	2.1 This paragraph should actually be 2.2. Paragraph 2.1 should be <u>General</u>.
SSMC Response	Approved.		
E-NIMA-112	NIMA	5	Para 2.2.1, Do not show revision letters in the list of applicable DoD documents (see MIL-STD-962C, section A.5.2.2). Review documents for applicability. According to MIL-STD-962C, section A.5.2.1, Section 2 of a standard "shall list only those documents that are referenced in sections, 3, 4, and 5 of the standard that are needed to meet requirements or provide useful information for meeting requirements. IF A DOCUMENT IS ONLY CITED AS AN EXAMPLE OR FOR BACKGROUND INFORMATION, IT DOES NOT HAVE TO BE LISTED IN SECTION 2." Examples of documents that might not be appropriate for this section are the STANAGs and QSTAG, and possibly FM-101-5, especially if it contains symbols that differ from MIL-STD-2525A.
SSMC Response	Approved.		
E-JITC-114	JITC	5	2.1.1 The standards are not listed in order numerically. Government standards shall be listed numerically.
SSMC Response	Approved.		
E-JIEO-115	JIEO	13	W. Luminance is given in foot candles. This is not the metric measure.
SSMC Response	Approved. Remove. Not used in book.		
E-NIMA-116	NIMA	14	Paragraph 3.2.af, The term "symbol identifier" needs to be used consistently throughout the document. In paragraph 4.6 on page 16, it is called a "Symbology Identifier" in the title of the paragraph, and "Symbol Identifier" in the text. In Appendix B, the term generally used is "Symbol Code."
SSMC Response	Approved. Change all to Symbol ID Code.		
E-JITC-117	JITC	16	4.4 Add: See Appendix E.
SSMC Response	Approved.		
E-NIMA-118	NIMA	17	Paragraph 5.3.1.1, Suggested: Reference is made to the term "pending" so this word should be defined in section 3.2.

			EDITORIAL
Number	Sponsor	Pg	Comment
SSMC Response	Approved.		
E-JITC-119	JITC	17	5.3.1/5 Add: C- Between: Table And: II
SSMC Response	Approved.		
E-JITC-120	JITC	19	Table I/Note Delete: all of Notes Status representation is explained in 5.3.1.3. Presenting the note before the explanation is confusing.
SSMC Response	Disapproved. Notes are clear and not confusing.		
E-JITC-121	JITC	20	"Should" is used in Appendix C for requirements that are binding (indicated by using "shall") in Section 5 of the document. Recommend changing the following "shoulds" to "shalls:": Paragraph 5.3.2 states, "Table C-II defines the default colors that shall be used..." C.4.4(2) states, "Implementations should use the default frame colors..." "....default colors for the other affiliations should not be changed." C.4.6 states, "While color coding should be the same throughout an implementation ..."
SSMC Response	Approved. Page 139, the first 'should ' needs to be changed to shall.		
E-JITC-122	JITC	20	5.3.1.3/2 Change: shall To: will (Simple futurity, not requirement.)
SSMC Response	Approved. Also, next line should be changed from shall to will.		
E-NIMA-123	NIMA	23	TABLE III. Suggested: Define what the asterisk means in the table.
SSMC Response	Already addressed by C-JITC-12.		
E-JITC-124	JITC	24	Table III / Note. Change Notes 1, 2 & 3 to Footnotes a, b, c.
SSMC Response	Approved.		
E-JITC-125	JITC	24	Table III/last Change Field AB to Field BB, or change Figure 3a position identifier BB to AB
SSMC Response	Approved.		

			EDITORIAL
Number	Sponsor	Pg	Comment
T-ASPO-126	ASPO	24	Table III, Field AB (Feint/Dummy indicator). This is a graphic field but it is given a textual field width of 2 in the table.
SSMC Response	Approved.		
E-ASPO-127	ASPO	24-25	In the table, the Feint/Dummy indicator field is denoted as AB. In figure 3a on page 25, it is denoted as BB.
SSMC Response	Approved.		
E-JITC-128	JITC	25	Figure 3a Move S closer to the staff it identifies.
SSMC Response	Approved.		
E-NIMA-129	NIMA	25	Figure 3a. It appears that the feint/Dummy indicator is labeled BB in the figure. This should be AB, according to Table III.
SSMC Response	Approved.		
E-JITC-130	JITC	26	Figure 3c Delete notes.
SSMC Response	Disapproved. They provide additional information.		
E-JITC-131	JITC	26	Fig 3c Change: CHEMICAL EVENTS T0: CHEMICAL EVENT
SSMC Response	Approved.		
E-JITC-132	JITC	29 & 30	5.5.1.6/5.6.3. Change: location indicator to: locating indicator to agree with Table III
SSMC Response	Approved. Change to read location offset indicator.		
E-JITC-133	JITC	30	5.6.4/2 Change: normal orientation To: the orientation illustrated in Appendix D.
SSMC Response	Approved.		

			EDITORIAL
Number	Sponsor	Pg	Comment
E-JITC-134	JITC	33, 69 135, 143	A.3, B.3, C.3, D.3. Change to read: The definitions in section 3 of this standard apply to this appendix.
SSMC Response	Approved. Corrected to comply with 962C.		
E-JITC-135	JITC	69	B.4.1/1-2 Change first sentence to read: The 15-character alphanumeric symbol code identifier defined in Tables B-I through B-IX shall be used to provide the minimum information necessary to display a specific symbol.
SSMC Response	Disapproved.		
E-JITC-136	JITC	69	B.4.1.2/4-6. Capitalize: table.
SSMC Response	Disapproved. This complies to HCI style guide..		
E-NIMA-137	NIMA	70	Paragraph B.4.1.4 FIPS PUB 10-4 is the current publication for country codes. This document and the DDDS should be updated, since 10-4 superseded 10-3 (which presumably is the 103 referenced in 2525A). A mechanism must be in place to keep the Defense Data Dictionary System (DDDS) current. It might be better not to reference the DDDS since the Department of State is the authority for country codes.
SSMC Response	Approved with modifications. Identify the publication as the FIPS Pub 10 series. Spell FIPS in sentence. FIPS PUB is the source document. Drop reference to DDDS. Federal Information Processing Standard.		
E-JITC-138	JITC	71	Table B-I cont'd Increase size of first column to show A-ANTICIPATED/PLANNED on one line or at most two lines.
SSMC Response	Approved.		
E-NIMA-139	NIMA	72	TABLE B-II. Correct spelling of "combination" in entry "C"
SSMC Response	Approved.		

			EDITORIAL
Number	Sponsor	Pg	Comment
E-JITC-140	JIEO	135	Binding Requirements ('Should vs Shall'). "Should" is used in Appendix C for several requirements that should be binding to ensure legibility of symbols. Recommend changing the following "shoulds" to "shalls:" Paragraph C.4.1 states, "The relative size of each symbol and symbol component should be consistent within a given implementation." C.4.1.a states, "Frame size should be determined in relation to an octagon..." "Frame length and height should vary from 1.1L to 1.5L..." The minimum diameter of a dot should be .15L." C.4.1.c states, "The minimum height of text information in a symbol modifier should be .3L. The length of the lines in a direction of movement indicator should be ...." C.4.6 states "A color fill should be used only if an icon is displayed in the symbol." "If a symbol includes a frame and an icon, both components should be the same color..."
SSMC Response	Approved with modifications. C.4.1 -- Approve. C.4.1.a -- Approve . C.4.1.c -- remove the word minimum and replace the first should with a will. Leave the 2nd and 3rd shoulds as is, and change the last shall to will. C.4.6 is now OBE.		
E-JITC-141	JITC	135-136, 141.	Delete color fill from octagons to comply with page 140 Appendix C instruction: "A color fill should be used only if an icon is displayed in the symbol."
SSMC Response	Disapproved. The octagon does not represent an icon in symbol.		
E-JITC-142	JITC	138	Table C-I/4 In Row 2 Column 4 change: 5.91 mm To: 5.92 mm
SSMC Response	Approved. Verify the proper measurement and make it consistent with the others.		
E-JITC-143	JITC	173	Appx D/5. In Ground Track Unit Combat Aviation Fixed Wing Utility Friend Symbol, change: A To: U
SSMC Response	Approved.		
E-JIEO-144	JIEO	252	Fig 1.3 "Weapons" is mis-spelled in the description column
SSMC Response	Approved.		
E-ARMY-145	DAMO FDQ	284	1.X.3.3.1.3.1. Change in the description the word 'Biohazard' to 'Biological'. REASON: Biological is the correct military term.
SSMC Response	Approved.		

EDITORIAL			
Number	Sponsor	Pg	Comment
E-JITC-146	JITC	394	Table E-1 Clarify: The symbol shown for Roadblock Under Construction is the same symbol shown on page 398 for Electronic Warfare Intercept.
SSMC Response	Approved.		
E-AIR FORCE-147	AF/SCTA	394, 398	Appendix E, there appear to be a duplication of symbols on page 394, "Roadblock (under construction), and page 398 "Electronic Warfare Intercept".
SSMC Response	Approved.		
E-ASPO-148	ASPO		List below. (These comments completed or on hold)
SSMC Response	Approved.		

Battle Environment missing?

1.X,S,*,-,--,--,--,*,**,**,*,BATTLE ENVIRONMENT

1X.. should be 1.X.

1X..3.1.2.4.6.1,S,*,G,UU,SR,S-,*,**,**,*,TACTICAL SATELLITE
1X..3.1.2.4.6.2,S,*,G,UU,SR,T-,*,**,**,*,TELETYPE CENTER
1X..3.1.2.4.6.3,S,*,G,UU,SR,W-,*,**,**,*,RELAY

The following is missing an *

1.X.3.1.3.5.3.2,S,,G,US,XH,C-,*,**,**,*,MAINTENANCE HEAVY CORPS

The following should have capitol X's ?

4.x.1.1,I,*,P,S-,--,--,*,**,**,*,SIGNAL INTERCEPT
4.x.1.1.1,I,*,P,SC,--,--,*,**,**,*,COMMUNICATIONS
4.x.1.1.1.1,I,*,P,SC,D-,--,*,**,**,*,SATELLITE DOWN-LINK
4.x.1.1.2,I,*,P,SR,--,--,*,**,**,*,RADAR
4.x.1.1.2.1,I,*,P,SR,D-,--,*,**,**,*,DATA TRANSMISSION
4.x.1.1.2.2,I,*,P,SR,E-,--,*,**,**,*,EARTHSURVEILLANCE
4.x.1.1.2.3,I,*,P,SR,I-,--,*,**,**,*,IFF (TRANSPONDER)
4.x.1.1.2.4,I,*,P,SR,M-,--,*,**,**,*,MULTI-FUNCTION
4.x.1.1.2.5,I,*,P,SR,T-,--,*,**,**,*,TARGET ACQUISITION
4.x.1.1.2.6,I,*,P,SR,S-,--,*,**,**,*,SPACE
4.x.1.1.2.7,I,*,P,SR,U-,--,*,**,**,*,UNKNOWN

The following should be 4.X.2.

4.X2.1,I,*,A,S-,--,--,*,**,**,*,SIGNAL INTERCEPT
4.X2.1.1.1,I,*,A,SC,C-,--,*,**,**,*,CELLULAR/MOBILE